

In the Claims:

Claims 1 to 6 (canceled).

1     7.     (currently amended) A filtration apparatus comprising:

2             a housing head having an inlet and an outlet;

3             a housing bowl detachably attached to said housing  
4     head and surrounding a cartridge filter to define a channel  
5     wall; and

6             a releasable clamping device that exerts a force to  
7     press said housing head and said housing bowl against each  
8     other to clamp said housing head and said housing bowl  
9     together, wherein:

10            said housing head has a ring-shaped first sealing  
11    portion that faces said housing bowl;

12            said housing bowl has a ring-shaped second sealing  
13    portion that abuts directly against said first sealing  
14    portion when said clamping device exerts said force to  
15    press said housing head and said housing bowl against each  
16    other;

17            one of said first and second sealing portions is a  
18    protrusion and another of said first and second sealing  
19    portions is a recess;

20            with respect to an axial-section along a cylindrical  
21    axis line of said housing head and said housing bowl, said  
22    protrusion has a radially inner arcuate curved protrusion  
23    surface and a radially outer arcuate curved protrusion  
24    surface;

4277/WEF:ar

- 2 -

25 said recess is bounded by a radially inner recess wall  
26 portion and a radially outer recess wall portion; and

27 said radially inner arcuate curved protrusion surface  
28 presses against said radially inner recess wall portion to  
29 form a first inner circular seal, and said radially outer  
30 arcuate curved protrusion surface presses against said  
31 radially outer recess wall portion to form a second outer  
32 circular seal. seal, wherein said circular seals are formed  
33 at locations within a depth of said recess displaced away  
34 from terminal outer free edges of said recess wall  
35 portions.

1 8. (previously presented) The filtration apparatus according  
2 to claim 7, wherein said radially inner and radially outer  
3 arcuate curved protrusion surfaces are portions of an  
4 overall semi-circular curved sectional shape of said  
5 protrusion with respect to said axial section.

1 9. (previously presented) The filtration apparatus according  
2 to claim 7, wherein said radially inner recess wall portion  
3 and said radially outer recess wall portion each have an  
4 arcuate curved shape with respect to said axial section.

1 10. (previously presented) The filtration apparatus according  
2 to claim 9, wherein said radially inner and radially outer  
3 recess wall portions are portions of an overall  
4 semi-circular curved sectional shape of said recess with  
5 respect to said axial section.

4277/WFF:ar

- 3 -

1 11. (previously presented) The filtration apparatus according  
2 to claim 7, excluding any O-ring between said housing head  
3 and said housing bowl.

1 12. (previously presented) The filtration apparatus according  
2 to claim 7, wherein, when said recess and said protrusion  
3 are pressed against each other, said recess is increased in  
4 width elastically and has resilience allowing said recess  
5 to cooperate with said protrusion to form said seals.

1 13. (previously presented) The filtration apparatus according  
2 to claim 7, wherein said housing head, said cartridge  
3 filter and said housing bowl are all formed of a  
4 fluoro-resin.

**[RESPONSE CONTINUES ON NEXT PAGE]**